

Sequence Listing

SEQ ID NO: 1

16s rDNA sequence for strain #44442 (sequence listed 5'⇒3'):

GACGAACGCTGGCGGCGTGCTTAACACATGCAAGTCGAGCGGTAAGGCCC
TTCGGGGTACACGAGCGGCGAACGGGTGAGTAACACGTGGGTAACCTGCC
CTGTACTCCGGGATAAGCCTGGGAACTAGGTCTAATACCGGATACGACC
CCATAGGGCATCTTGTGGGGTGGAAAGTTCCGGCGGTATGGGATGGACCC
GCGGCCTATCAGCTTGTGGGTGGGGTGTATGGCCTACCAAGGCGACGACGG
GTAGCCGGCCTGAGAGGGTGACCGGCCACACTGGGACTGAGACACGGCCC
AGACTCCTACGGGAGGCAGCAGTGGGGAATATTGCACAATGGGCGAAAGC
CTGATGCAGCGACGCCGCGTGAGGGATGACGGCCTTCGGGTTGTAAACCT
CTTTCAGCAGGGACGAAGCGCAAGTGACGGTACCTGCAGAAGAAGCACCG
GCTAACTACGTGCCAGCAGCCGCGGTAATACGTAGGGTGCGAGCGTTGTC
CGGAATTATTGGGCGTAAAGAGCTCGTAGGCGGTTTGTGCGTCGGCCGTG
AAAACCTTCACGCTTAACGTGGAGCCTGCGGTGATACGGGCAGACTTGAG
TTCGGCAGGGGAGACTGGAATTCCTGGTGTAGCGGTGAAATGCGCAGATA
TCAGGAGGAACACCGGTGGCGAAGGCGGGTCTCTGGGCCGATACTGACGC
TGAGGAGCGAAAGCGTGGGGAGCGAACAGGATTAGATACCCTGGTAGTCC
ACGCCGTAAACGGTGGGTGCTAGGTGTGGGGGACTTCCACGTCCTCCGTGC
CGCAGCTAACGCATTAAGCACCCCGCCTGGGGAGTACGGCCGCAAGGCTA
AAACTCAAAGGAATTGACGGGGGCCCCGCACAAGCGGCGGAGCATGTGGAT
TAATTTCGATGCAACGCGAAGAACCTTACCTGGGCTTGACATGCACCGGAA
ACCTGCAGAGATGTAGGCCTCTTCGGAAGTGGTGTACAGGTGGTGCATGGCT
GTCGTCAGCTCGTGTCTGTGAGATGTTGGGTAAAGTCCCGCAACGAGCGCAA
CCCTCGTTCCATGTTGCCAGCGCGTTATGGCGGGGACTCATGGGAGACTGC
CGGGGTCAACTCGGAGGAAGGTGGGGATGACGTCAAGTCATCATGCCCT
TATGTCCAGGGCTTCACACATGCTACAATGGCCGGTACAGAGGGGCTGCTA
AGCCGTGAGGTGGAGCGAATCCCAAAAAGCCGGTCTCAGTTCGGATCGGG
GTCTGCAACTCGACCCCGTGAAGTCGGAGTCGCTAGTAATCGCAGATCAG
CAACGCTGCGGTGAATACGTTCCCGGGCCTTGTACACACCGCCCGTCACGT
CACGAAAGTCGGTAACACCCGAAGCCCGTGGCCCAACCCGCAAGGGGGGG
AGCGGTCTGAAGGTGGGACTGGCGATTGGGAC

SEQ ID NO: 2

16s rDNA sequence for strain #45494 (sequence listed 5'⇒3'):

GACGAACGCTGGCGGCGTGCTTAACACATGCAAGTCGAGCGGTAAGGCCC
TTCGGGGTACACGAGCGGCGAACGGGTGAGTAACACGTGGGTAACCTGCC
CTGTACTCCGGGATAAGCCTGGGAACTAGGTCTAATACCGGATACGACC
CCATAAGGCATCTTGTGGGGTGGAAAGTTCCGGCGGTATGGGATGGACCC
GCGGCCTATCAGCTTGTGGGTGGGGTGATGGCCTACCAAGGCGACGACGG
GTAGCCGGCCTGAGAGGGTGACCGGCCACACTGGGACTGAGACACGGCCC
AGACTCCTACGGGAGGCAGCAGTGGGGAATATTGCACAATGGGCGAAAGC
CTGATGCAGCGACGCCGCGTGAGGGATGACGGCCTTCGGGTTGTAAACCT
CTTTCAGCAGGGACGAAGCGCAAGTGACGGTACCTGCAGAAGAAGCACCG
GCTAACTACGTGCCAGCAGCCGCGGTAATACGTAGGGTGCGAGCGTTGTC
CGGAATTATTGGGCGTAAAGAGCTCGTAGGCGGTTTGTTCGTCGCGCCGTG
AAAACCTTCACGCTTAACGTGGAGCCTGCGGTTCGATACGGGCAGACTTGAG
TTCGGCAGGGGAGACTGGAATTCCTGGTGTAGCGGTGAAATGCGCAGATA
TCAGGAGGAACACCGGTGGCGAAGGCGGGTCTCTGGGCCGATACTGACGC
TGAGGAGCGAAAGCGTGGGGAGCGAACAGGATTAGATACCCTGGTAGTCC
ACGCCGTAAACGGTGGGTGCTAGGTGTGGGGGACTTCCACGTCCTCCGTGC
CGCAGCTAACGCATTAAGCACCCCGCCTGGGGAGTACGGCCGCAAGGCTA
AAACTCAAAGGAATTGACGGGGGCCCCGCACAAGCGGCGGAGCATGTGGAT
TAATTCGATGCAACGCGAAGAACCTTACCTGGGCTTGACATGCACCGGAA
ACCTGCAGAGATGTAGGCCTCTTCGGACTGGTGTACAGGTGGTGCATGGCT
GTCGTCAGCTCGTGTCTGTGAGATGTTGGGTTAAGTCCCGCAACGAGCGCAA
CCCTCGTTCCATGTTGCCAGCGCGTTATGGCGGGGACTCATGGGAGACTGC
CGGGGTCAACTCGGAGGAAGGTGGGGATGACGTCAAGTCATCATGCCCCCT
TATGTCCAGGGCTTCACACATGCTACAATGGCCGGTACAGAGGGGCTGCTA
AGCCGTGAGGTGGAGCGAATCCCAAAAAGCCGGTCTCAGTTCGGATCGGG
GTCTGCAACTCGACCCCGTGAAAGTCGGAGTCGCTAGTAATCGCAGATCAG
CAACGCTGCGGTGAATACGTTCCCGGGCCTTGTACACACCGCCCGTCACGT
CACGAAAGTCGGTAACACCCGAAGCCCGTGGCCCAACCCGCAAGGGGGGG
AGCGGTCGAAGGTGGGACTGGCGATTGGGACGAAGTCGTAACAAGGTAGC
CGTACCGGAAGGTGC

SEQ ID NO: 3	GAG TTT GAT CCT GGC TCA G
SEQ ID NO: 4	CGG TGT GTR CAA GGC CC
SEQ ID NO: 5	GCA ACG AGC GCA ACC C
SEQ ID NO: 6	CCG TCA ATT CAT TTG AGT TT
SEQ ID NO: 7	ATT AGA TAC CCT GGT AG
SEQ ID NO: 8	CAG CMG CCG CGG TAA TWC
SEQ ID NO: 9	GWA TTA CCG CGG CKG CTG
SEQ ID NO: 10	TAC GGG AGG CAG CAG
SEQ ID NO: 12	CTG CTG CCT CCC GTA
SEQ ID NO: 13	AGA AAG GAG GTG ATC CAG CC